

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071832.D
 Acq On : 28 Jan 2022 19:04
 Operator : VA/SY
 Sample : N1336-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-012822

Quant Time: Jan 29 04:53:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

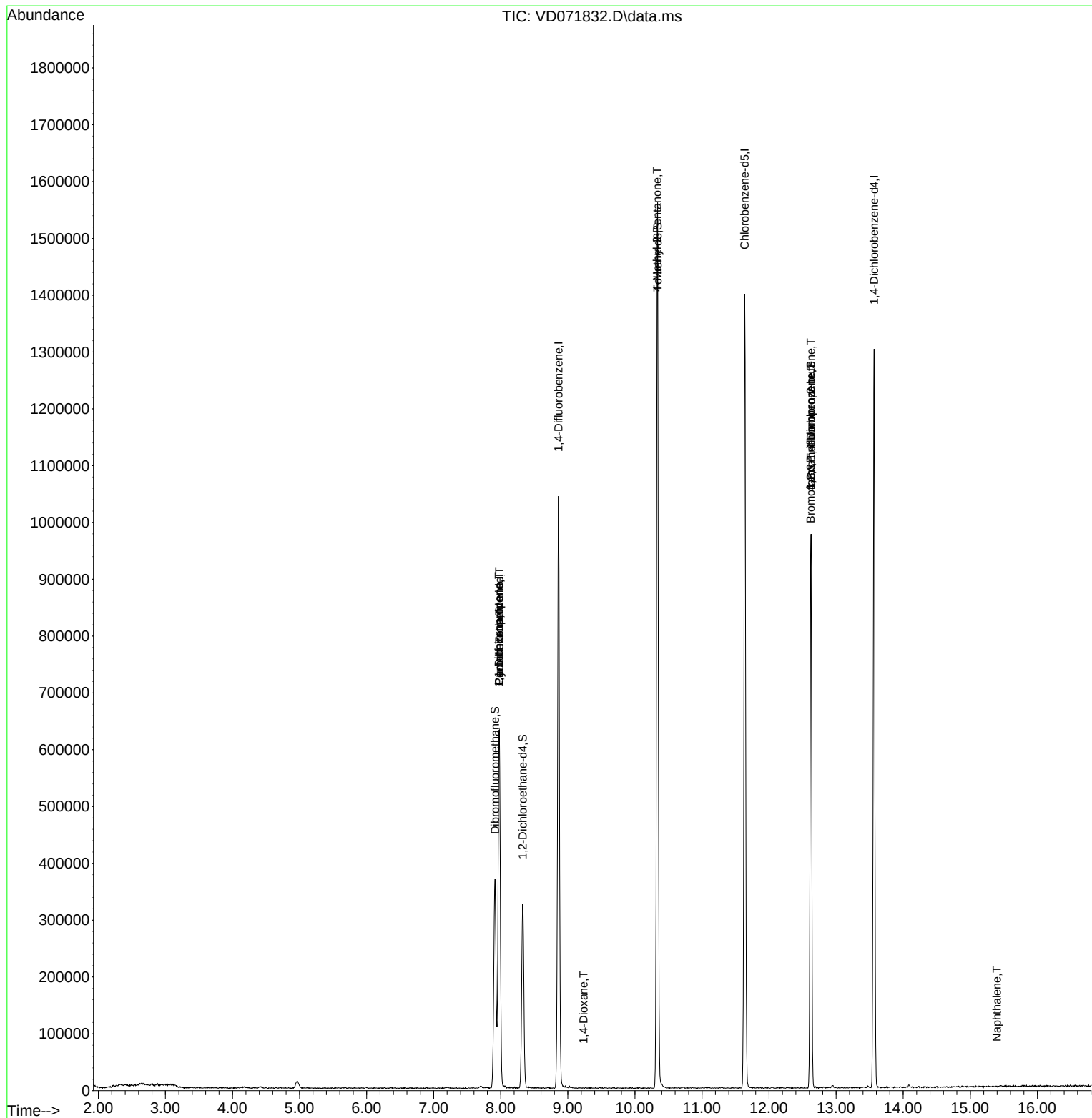
Internal Standards						
1) Pentafluorobenzene	7.979	168	444415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	806148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	744562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	314262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267787	47.673	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.340%		
35) Dibromofluoromethane	7.914	113	258903	48.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.720%		
50) Toluene-d8	10.338	98	1030134	52.053	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.100%		
62) 4-Bromofluorobenzene	12.626	95	310163	44.880	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.760%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.456	59	57	Below Cal	#	74
20) Methylene Chloride	4.962	84	9213	Below Cal	#	77
31) Cyclohexane	7.979	56	14247	1.329	ug/l #	30
36) 1,1-Dichloropropene	7.973	75	42783	4.704	ug/l #	52
38) Carbon Tetrachloride	7.979	117	47985	5.335	ug/l #	16
49) 1,4-Dioxane	9.232	88	60	1.586	ug/l #	21
51) 4-Methyl-2-Pentanone	10.332	43	5732	1.441	ug/l #	1
71) Bromoform	12.620	173	3760	1.229	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	172245	52.007	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	172245	127.874	ug/l #	7
95) Naphthalene	15.396	128	357	1.486	ug/l #	70

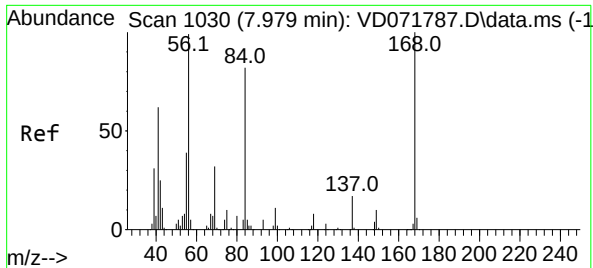
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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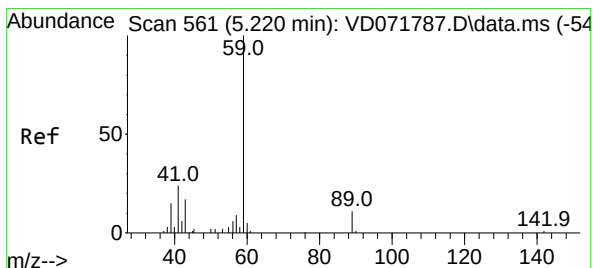
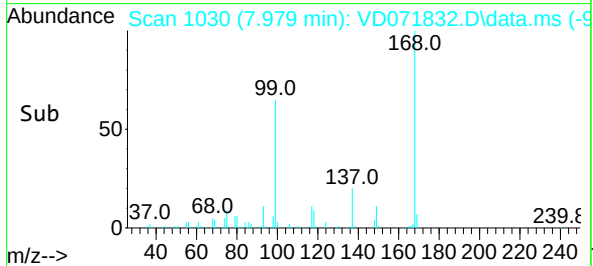
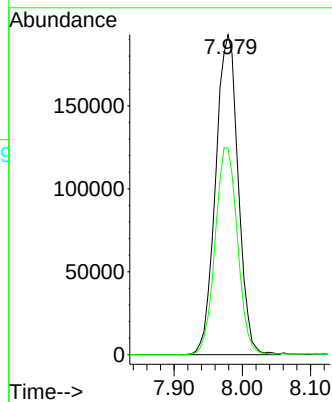
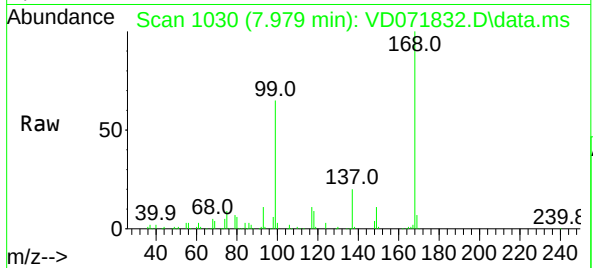




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

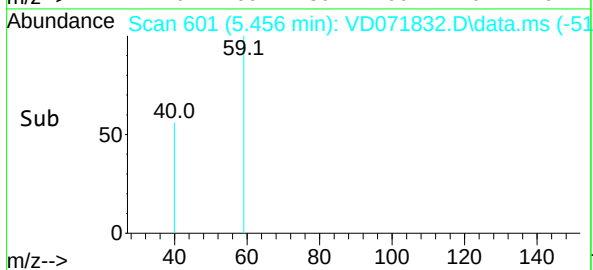
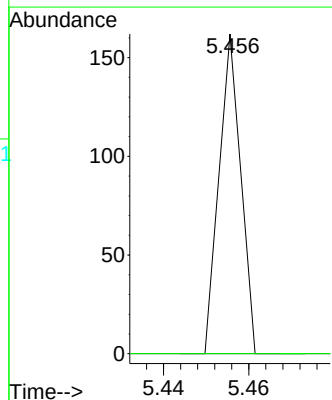
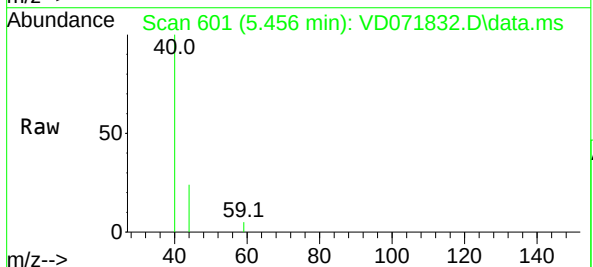
Instrument :
MSVOA_D
ClientSampleId :
HD-01-012822

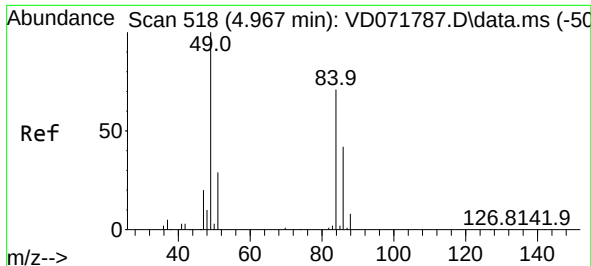
Tgt Ion:168 Resp: 444415
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.456 min Scan# 601
Delta R.T. 0.235 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



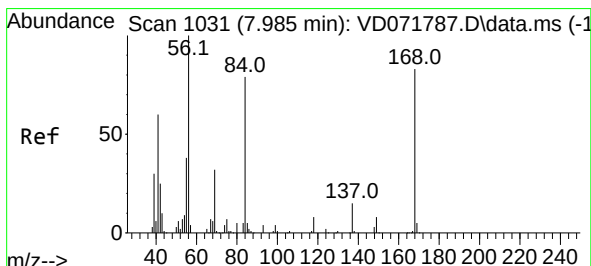
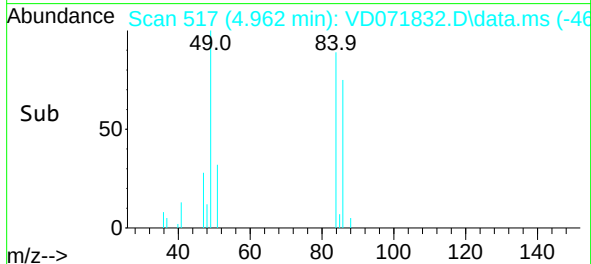
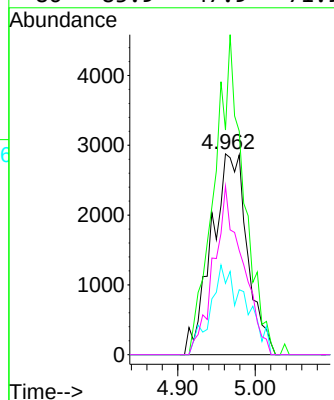
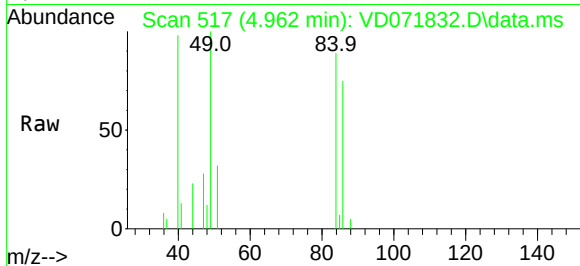


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :
HD-01-012822

Tgt Ion: 84 Resp: 9213

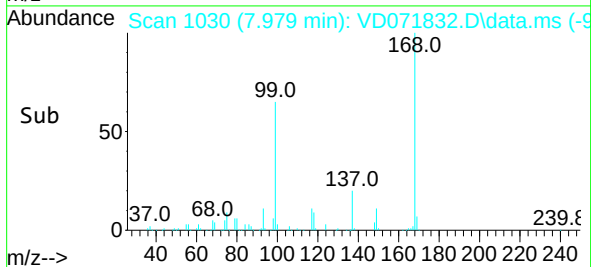
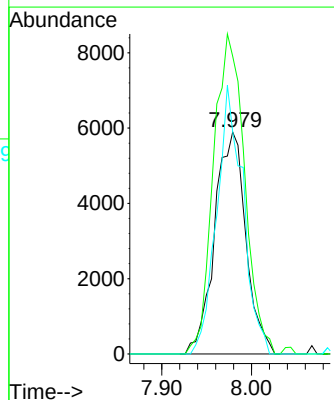
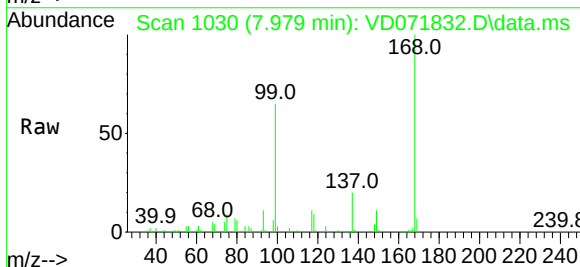
Ion	Ratio	Lower	Upper
84	100		
49	111.9	112.8	169.2#
51	35.5	32.6	48.8
86	83.9	47.9	71.9#

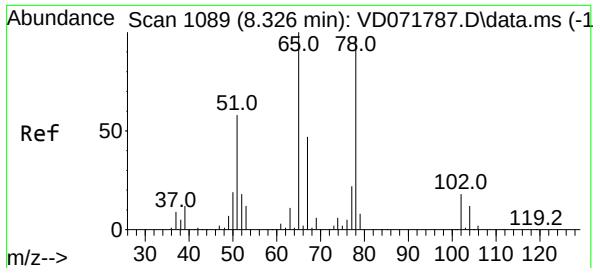


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 56 Resp: 14247

Ion	Ratio	Lower	Upper
56	100		
69	134.2	25.4	38.2#
84	100.1	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.673 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071832.D

Acq: 28 Jan 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

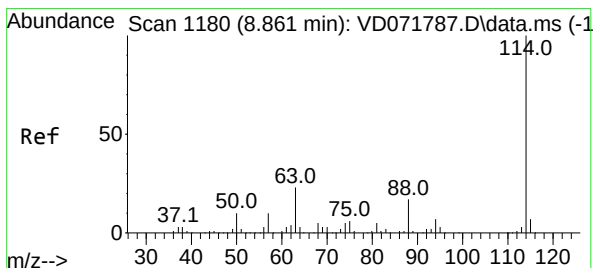
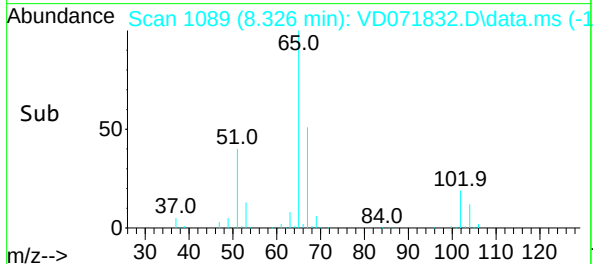
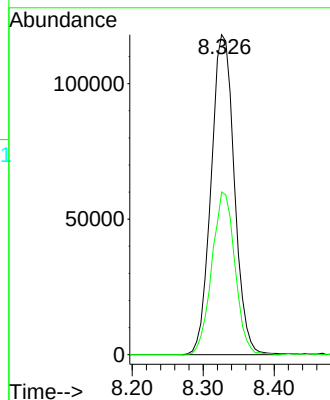
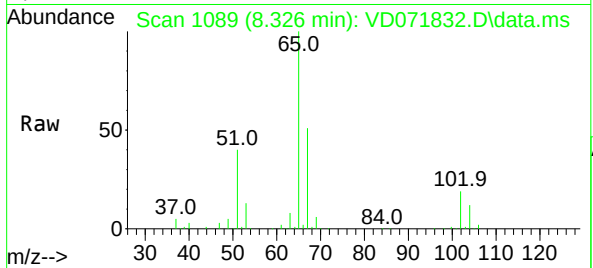
HD-01-012822

Tgt Ion: 65 Resp: 267787

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071832.D

Acq: 28 Jan 2022 19:04

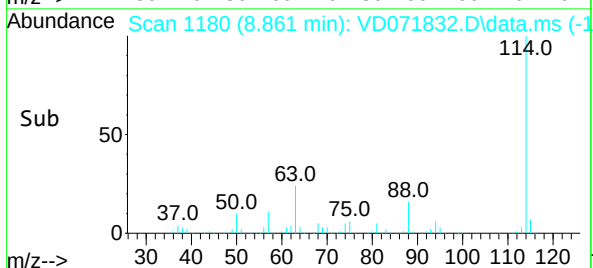
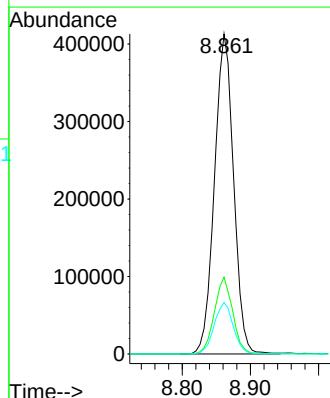
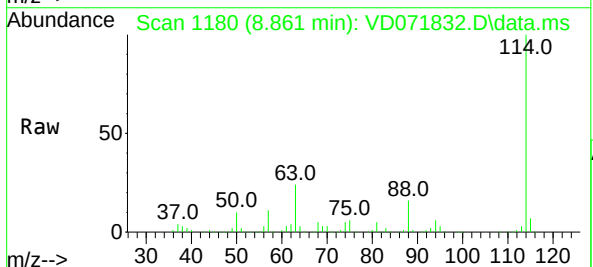
Tgt Ion: 114 Resp: 806148

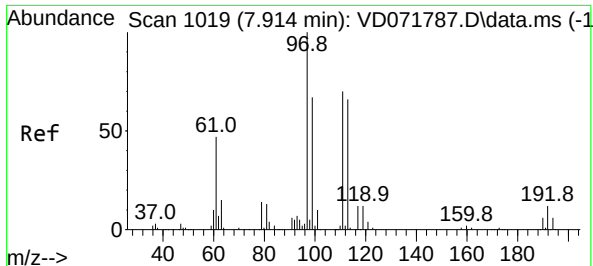
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.858 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071832.D

Acq: 28 Jan 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

HD-01-012822

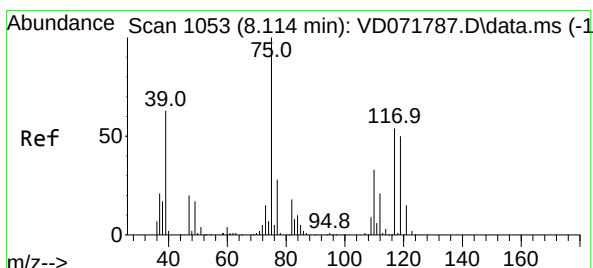
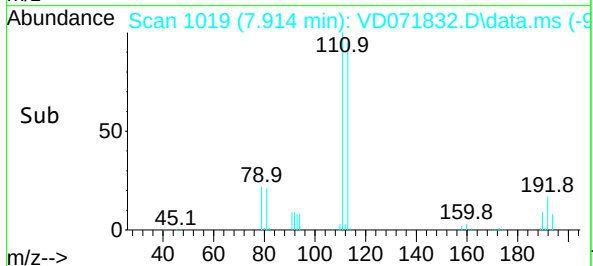
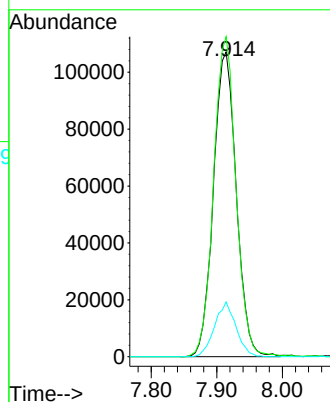
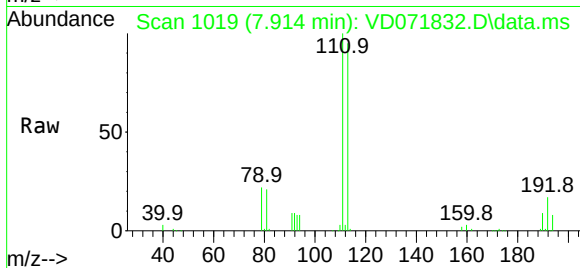
Tgt Ion:113 Resp: 258903

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 16.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071832.D

Acq: 28 Jan 2022 19:04

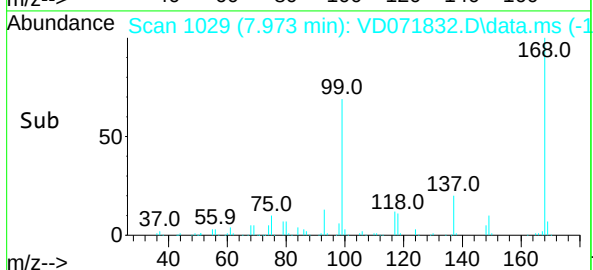
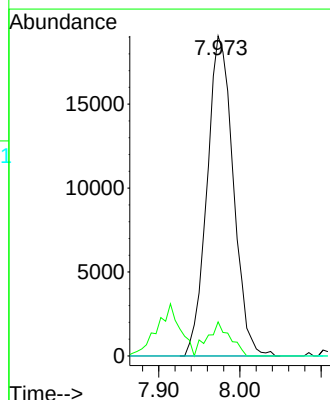
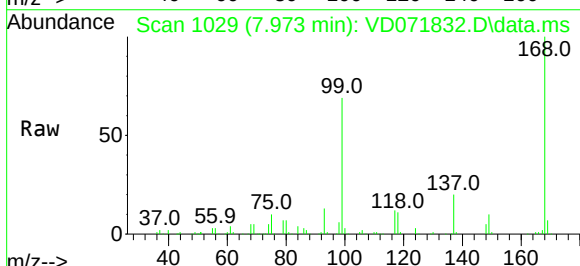
Tgt Ion: 75 Resp: 42783

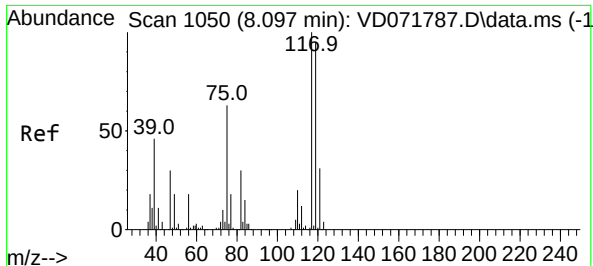
Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

77 0.0 24.2 36.2#

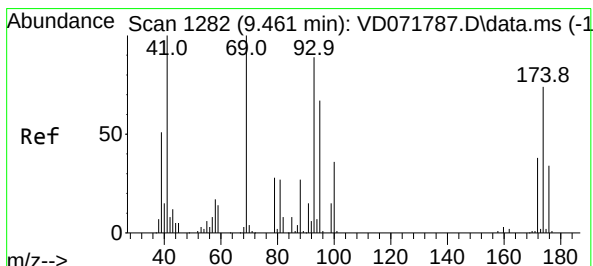
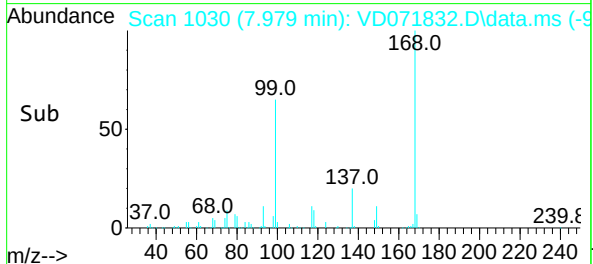
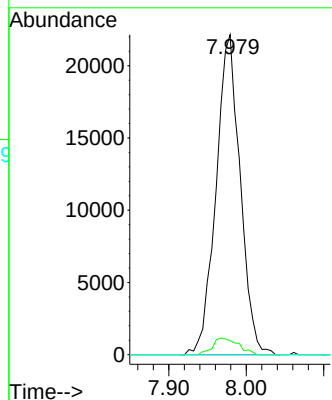
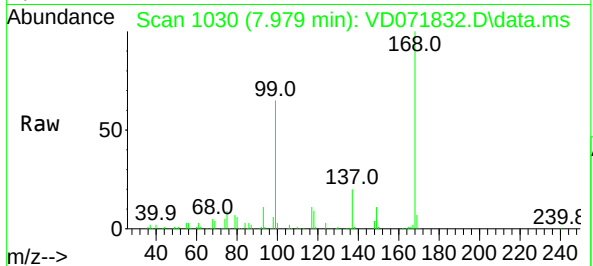




#38
Carbon Tetrachloride
Concen: 5.335 ug/l
RT: 7.979 min Scan# 117
Delta R.T. -0.118 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

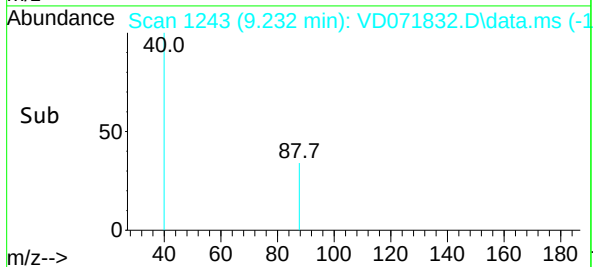
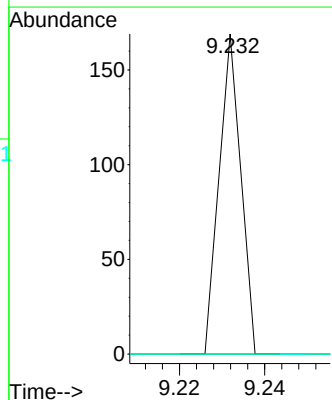
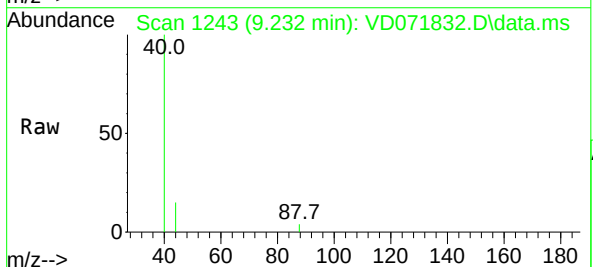
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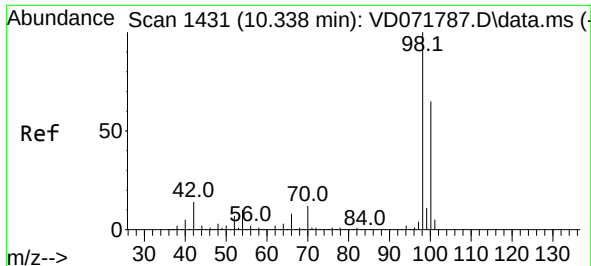
Tgt Ion:117 Resp: 47985
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 1.586 ug/l
RT: 9.232 min Scan# 1243
Delta R.T. -0.229 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#

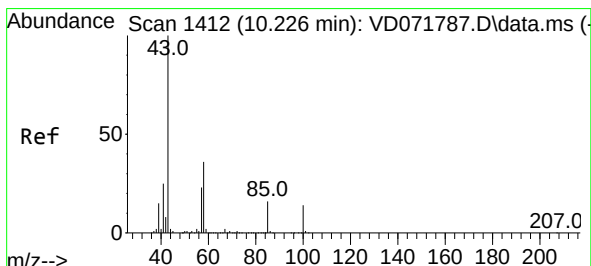
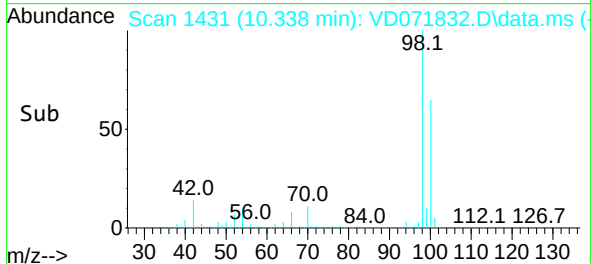
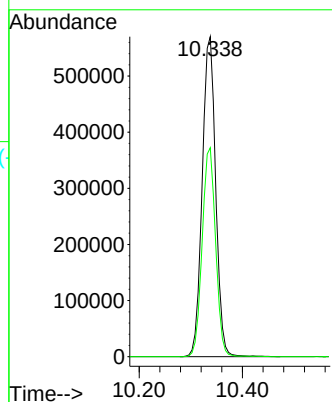
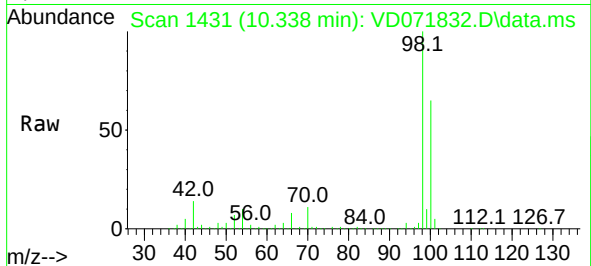




#50
Toluene-d8
Concen: 52.053 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

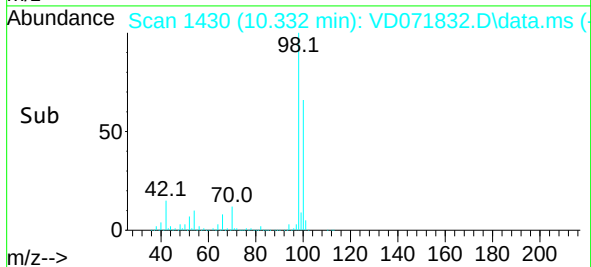
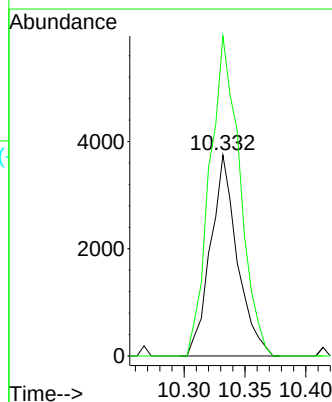
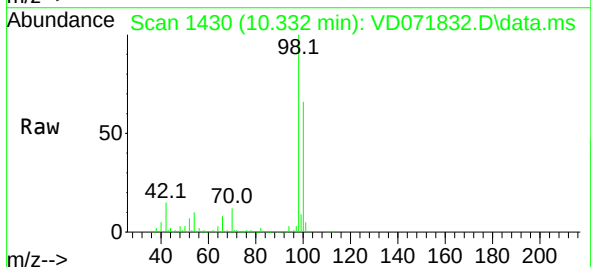
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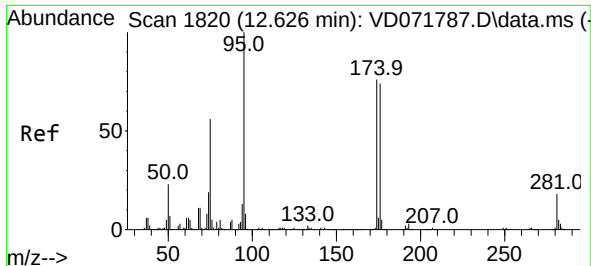
Tgt Ion: 98 Resp: 1030134
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.441 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 43 Resp: 5732
Ion Ratio Lower Upper
43 100
58 179.1 28.6 43.0#

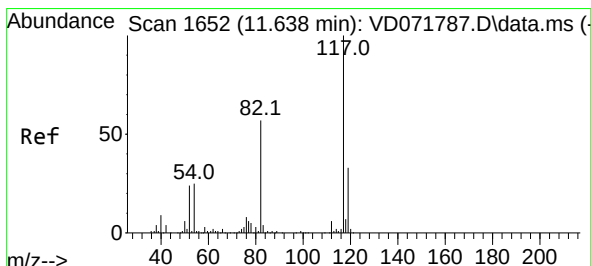
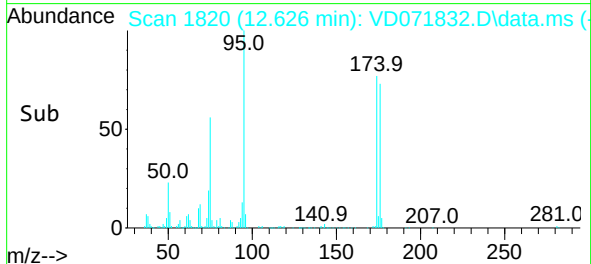
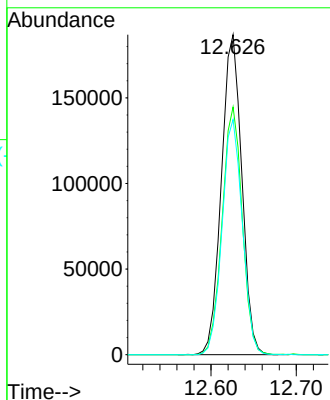
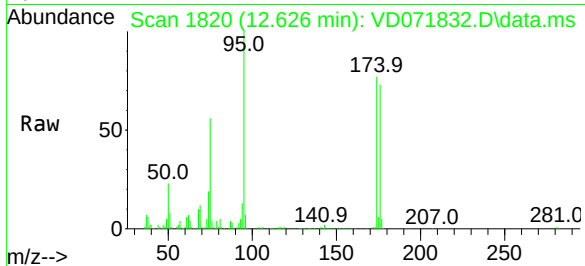




#62
4-Bromofluorobenzene
Concen: 44.880 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

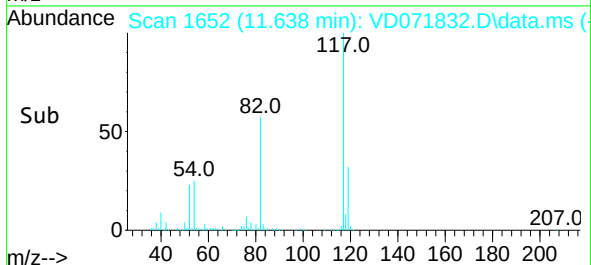
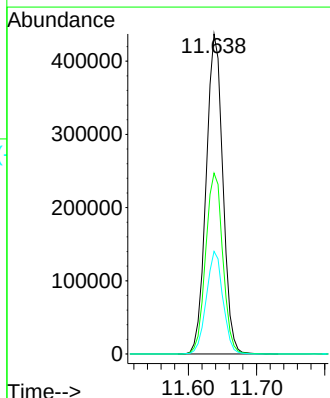
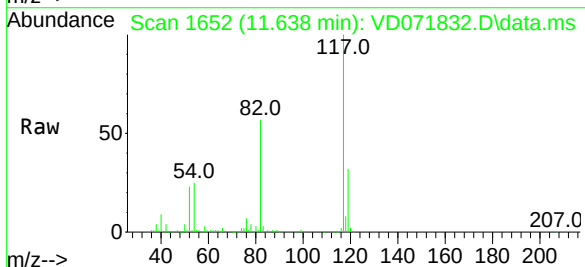
Instrument :
MSVOA_D
ClientSampleId :
HD-01-012822

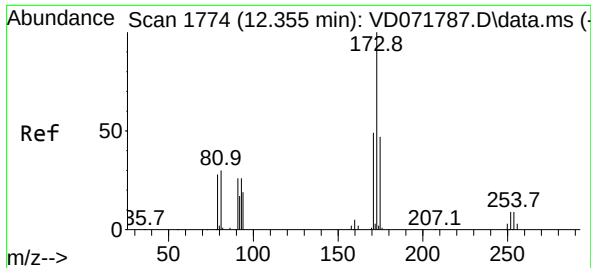
Tgt Ion: 95 Resp: 310163
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 117 Resp: 744562
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.1 26.6 40.0

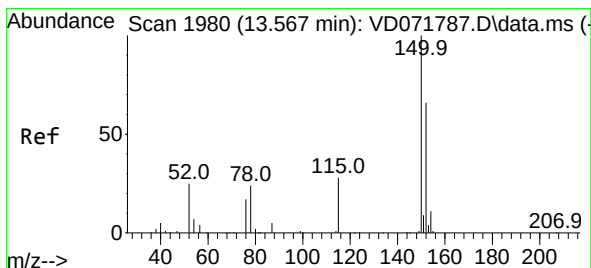
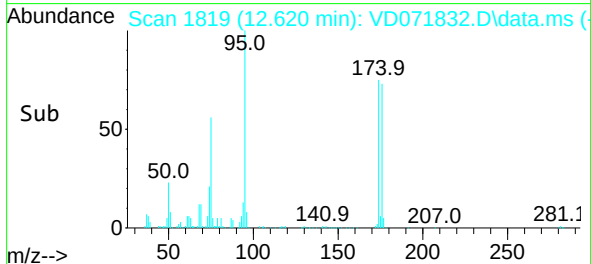
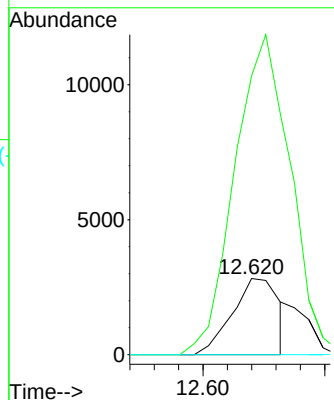
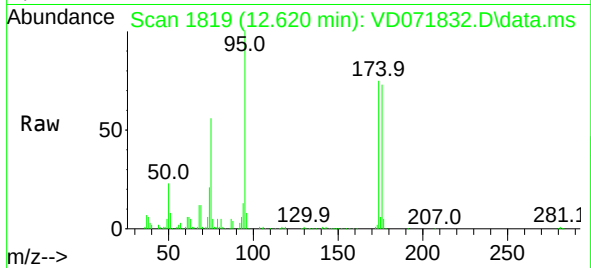




#71
Bromoform
Concen: 1.229 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

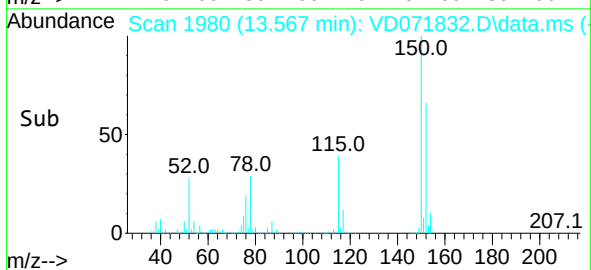
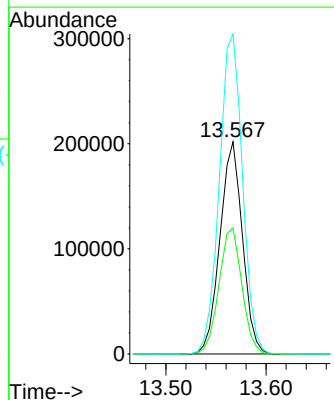
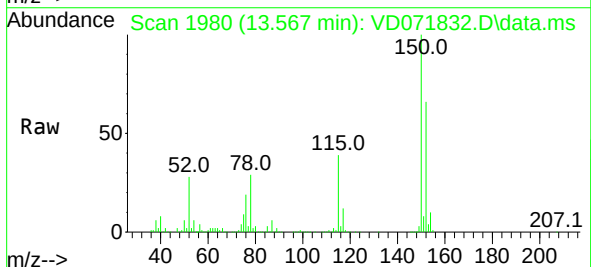
Instrument :
MSVOA_D
ClientSampleId :
HD-01-012822

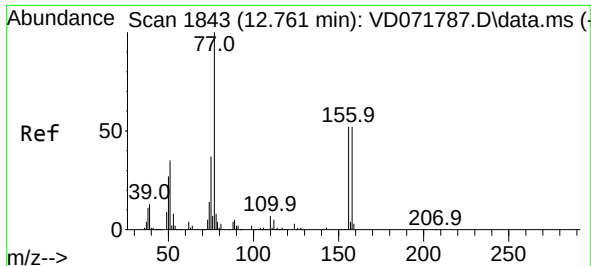
Tgt Ion:173 Resp: 3760
Ion Ratio Lower Upper
173 100
175 413.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion:152 Resp: 314262
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 155.8 0.0 348.6

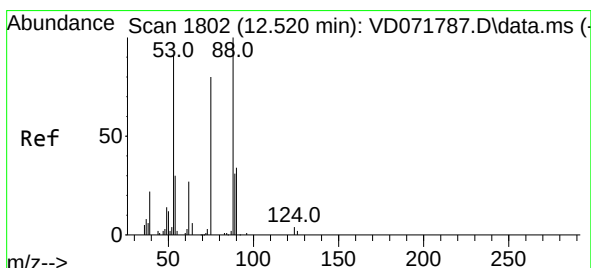
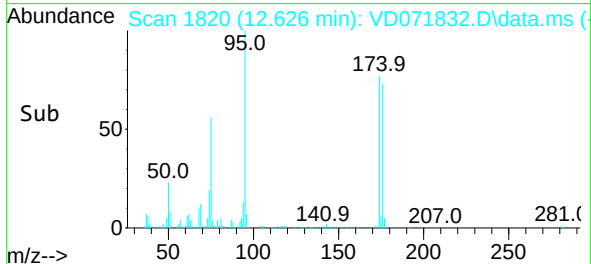
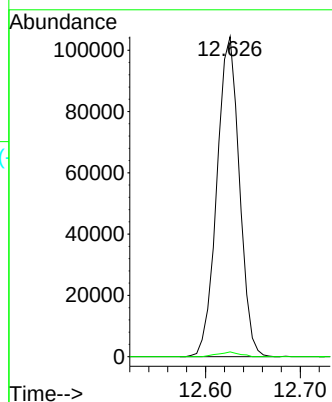
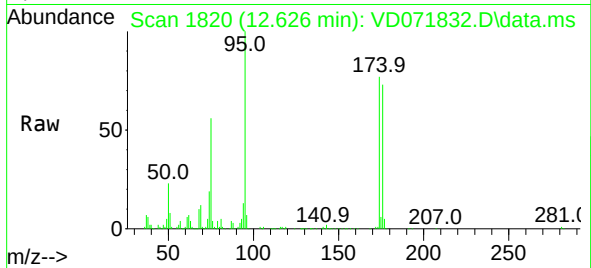




#76
1,2,3-Trichloropropane
Concen: 52.007 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

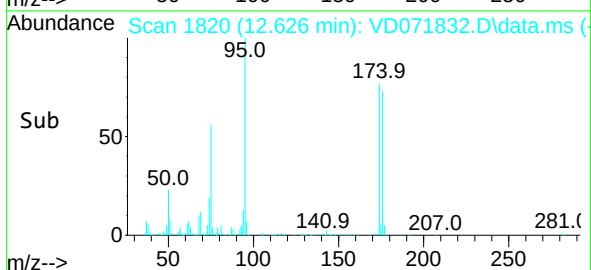
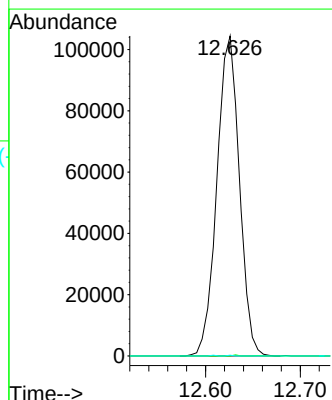
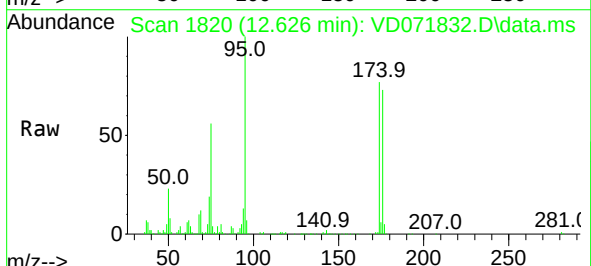
Instrument :
MSVOA_D
ClientSampleId :
HD-01-012822

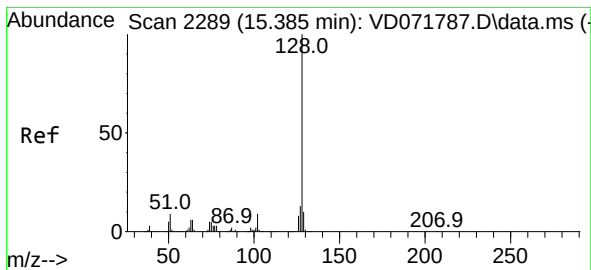
Tgt Ion: 75 Resp: 172245
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.874 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 75 Resp: 172245
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95

Naphthalene

Concen: 1.486 ug/l

RT: 15.396 min Scan# 21

Delta R.T. 0.012 min

Lab File: VD071832.D

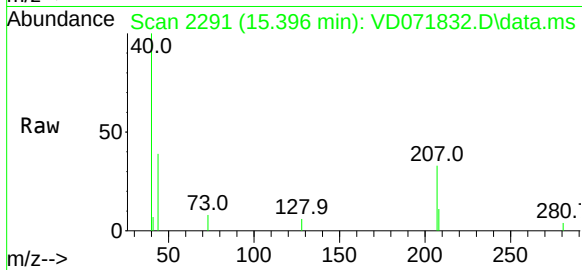
Acq: 28 Jan 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

HD-01-012822



Tgt Ion:128 Resp: 357

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

